

**From:** [Jhana Enders](#)  
**To:** [Kenneth Shewmake](#); [Melinda McCoy](#)  
**Cc:** [Philip Crocker](#)  
**Subject:** Bachman Services Fire [Request from ODEQ for EPA input on Water Sampling]  
**Date:** 08/14/2012 02:10 PM  
**Attachments:** [2012070471-r.pdf](#)

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Received this from ODEQ - I had them narrow down a little more what they were looking for from EPA...seems to be more Eco/toxicity related per message below...they did seem positive about having a toxicologist review the data as, "Many of the constituents are not in the, Oklahoma Water Resources Board - Toxicity Values." So may be more review by Ken....

The city also requires people to get a permit to swim, etc in the river...think they do testing before approving the permit to ensure water quality...

Thanks.

Jhana Enders, Federal On-Scene Coordinator (FOSC)  
Emergency Readiness Team (6SF-PE)  
U.S. EPA, Region 6  
1445 Ross Avenue (8th Floor)  
Dallas, Tx 75202-2733  
Office: (214) 665-6654  
Cell: (214) 789-9654  
Fax: (214) 665-2278  
[enders.jhana@epa.gov](mailto:enders.jhana@epa.gov)

"Nothing in life is to be feared. It is only to be understood." (Marie Curie)

----- Forwarded by Jhana Enders/R6/USEPA/US on 08/14/2012 01:57 PM -----

From: "Hildebrand, Mark" <Mark.Hildebrand@deq.ok.gov>  
To: Jhana Enders/R6/USEPA/US@EPA  
Cc: "raymond.melton@okc.gov" <raymond.melton@okc.gov>, "derek.johnson@okc.gov" <derek.johnson@okc.gov>, "Vande Lune, Bruce" <Bruce.VandeLune@deq.ok.gov>, "Clagg, Brian" <Brian.Clagg@deq.ok.gov>, "Chard-McClary, Shellie" <Shellie.Chard-McClary@deq.ok.gov>, "Dihlberg, Edward" <Edward.Dihlberg@deq.ok.gov>, "Ward, Tim" <Tim.Ward@deq.ok.gov>, "Gibson, Sara D." <Sara.Gibson@deq.ok.gov>, "Hagain, Ryan M." <Ryan.Hagain@deq.ok.gov>, "Craney, Wayne" <Wayne.Craney@deq.ok.gov>, "Smith, Vicki" <Vicki.Smith@deq.ok.gov>  
Date: 08/14/2012 11:26 AM  
Subject: FW: Water Quality numbers for Bachman Services fire

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Jhana,

As you know Bachman has pumped virtually all of the water out of the unnamed tributary of the Oklahoma River and the attached samples were from a frac tank that had some of the most contaminated water.



9531255

The tributary has since received additional water from groundwater and a small rainfall event. Both DEQ and Bachman collected samples on Friday, August 10<sup>th</sup> and DEQ expects to have results late Wednesday. We have received ammonia results from these samples and they were less than .1 mg/l which is encouraging.

**DEQ would like to get EPA's input on the numbers for acute and chronic toxicity for fish and wildlife propagation for the warm water aquatic stream (Oklahoma River).**

It is inevitable that the dams will need to be removed at some point to allow the unnamed tributary to discharge/be inundated by the Oklahoma River. The chances for rain increase this week and we would like to know that the water is safe.

Any help that EPA could provide will be greatly appreciated.

Thanks!

Mark

